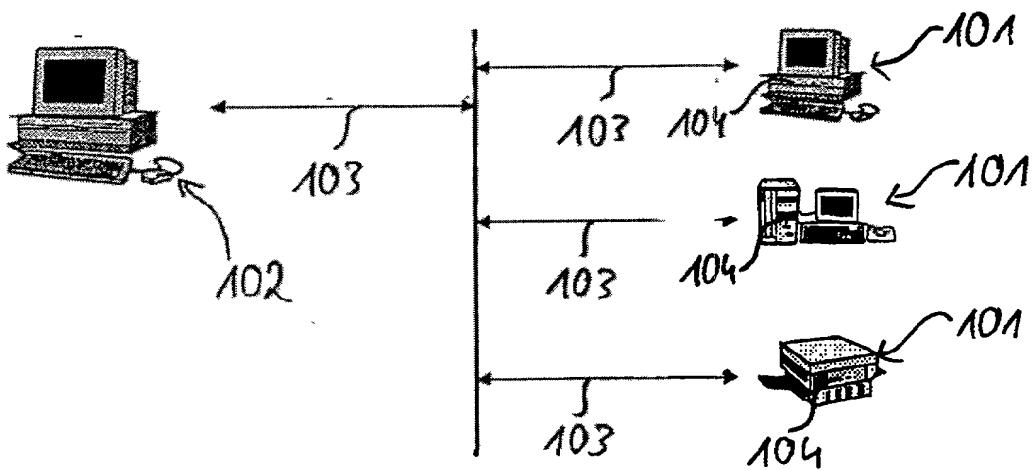


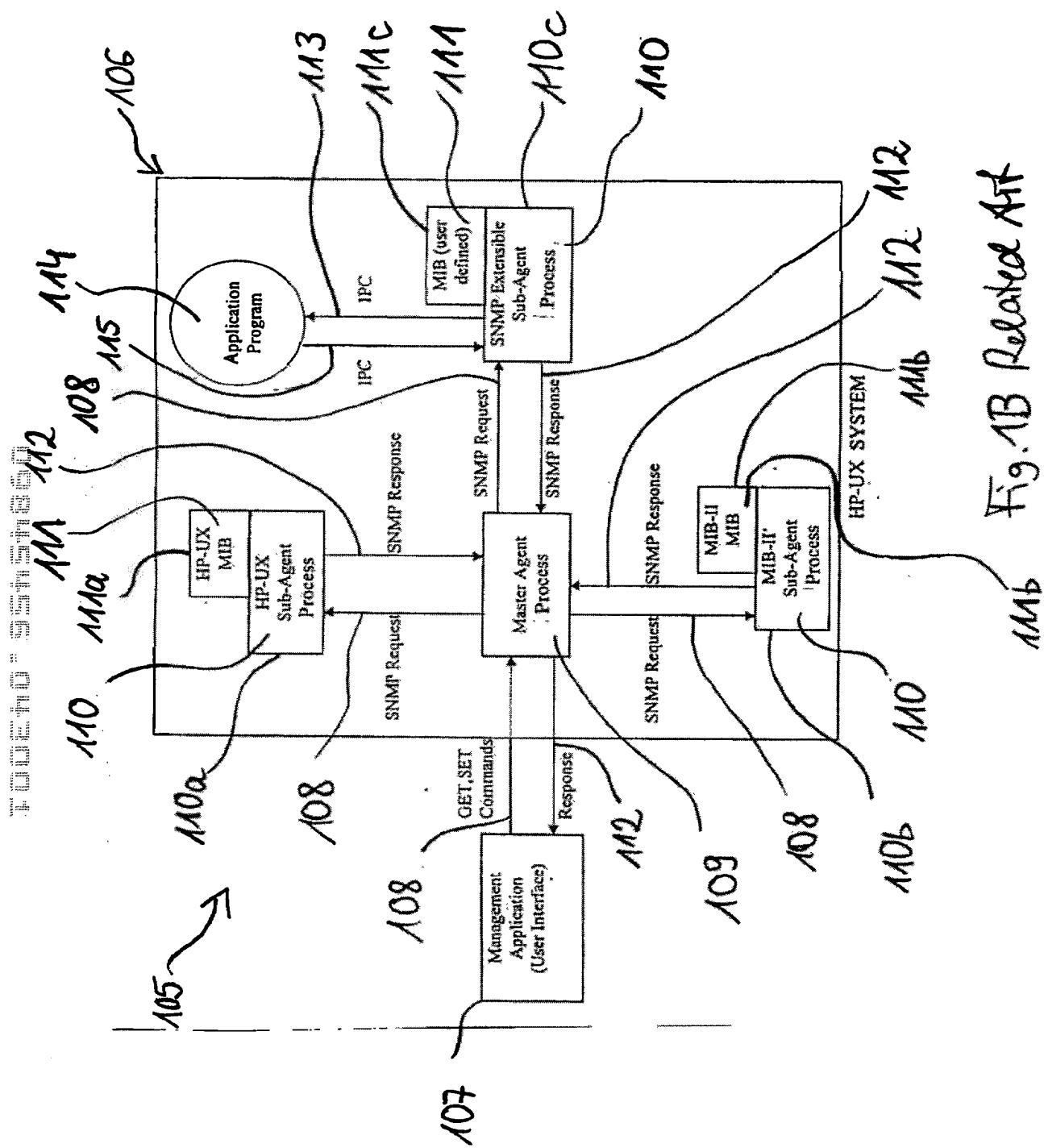
100

1/10



Related Art

Fig. 1A



200

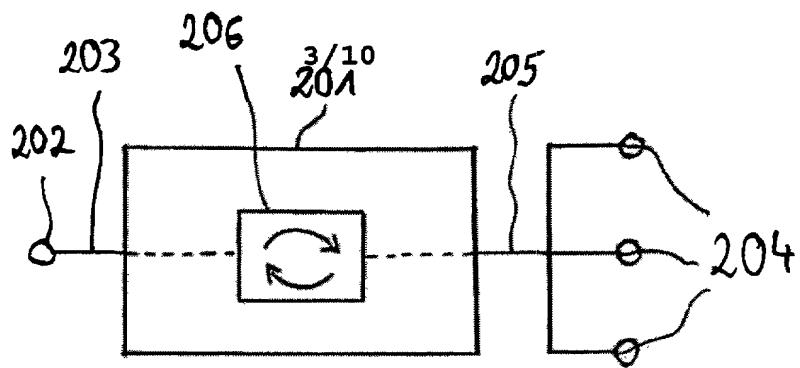


Fig. 2A

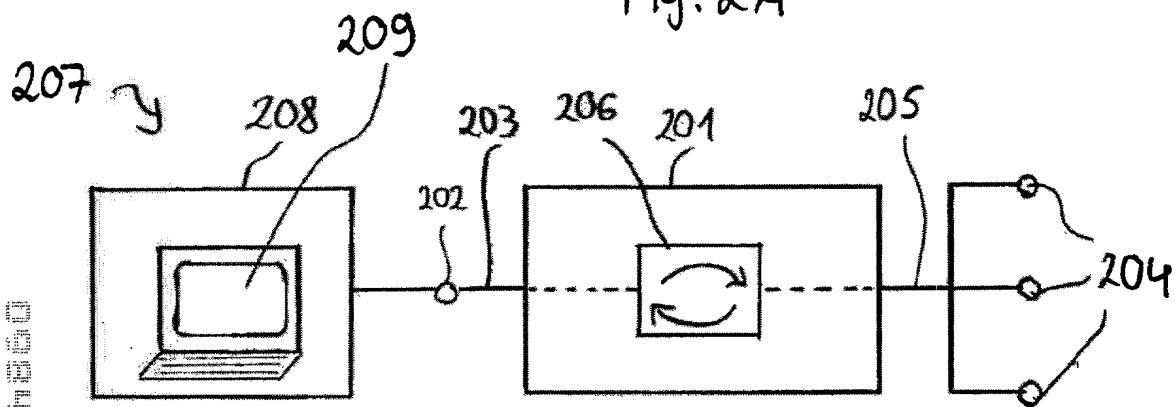


Fig. 2B

200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213

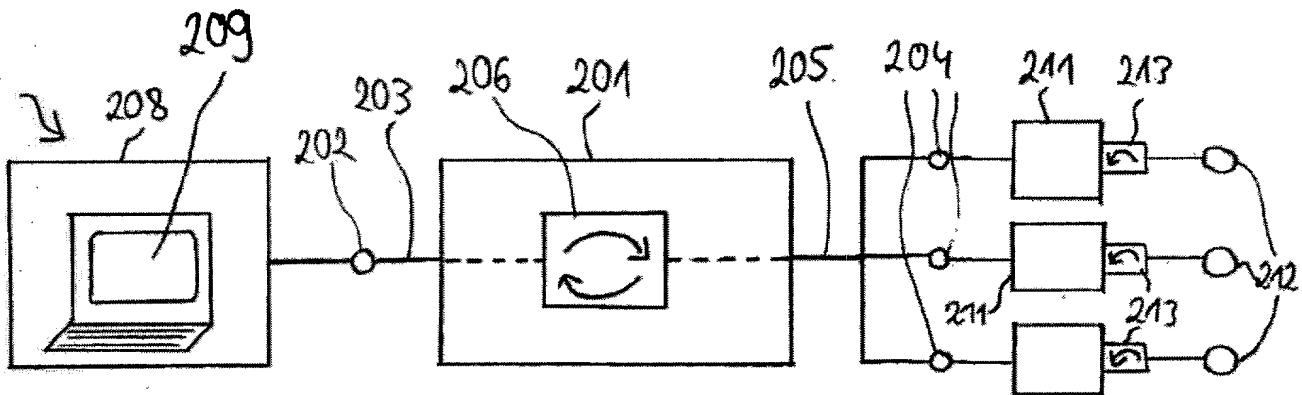


Fig. 2C

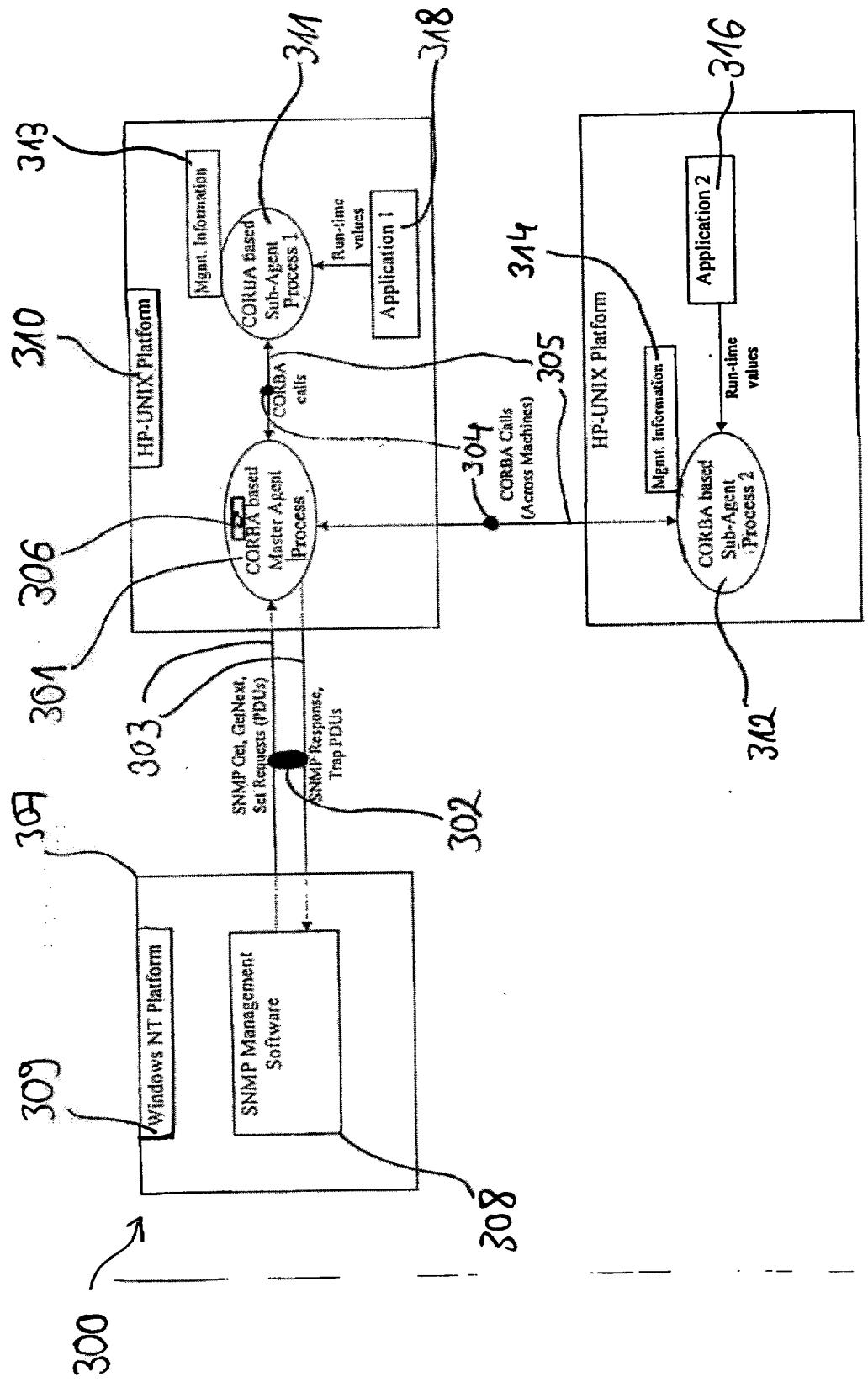


Fig. 3

400

401

410

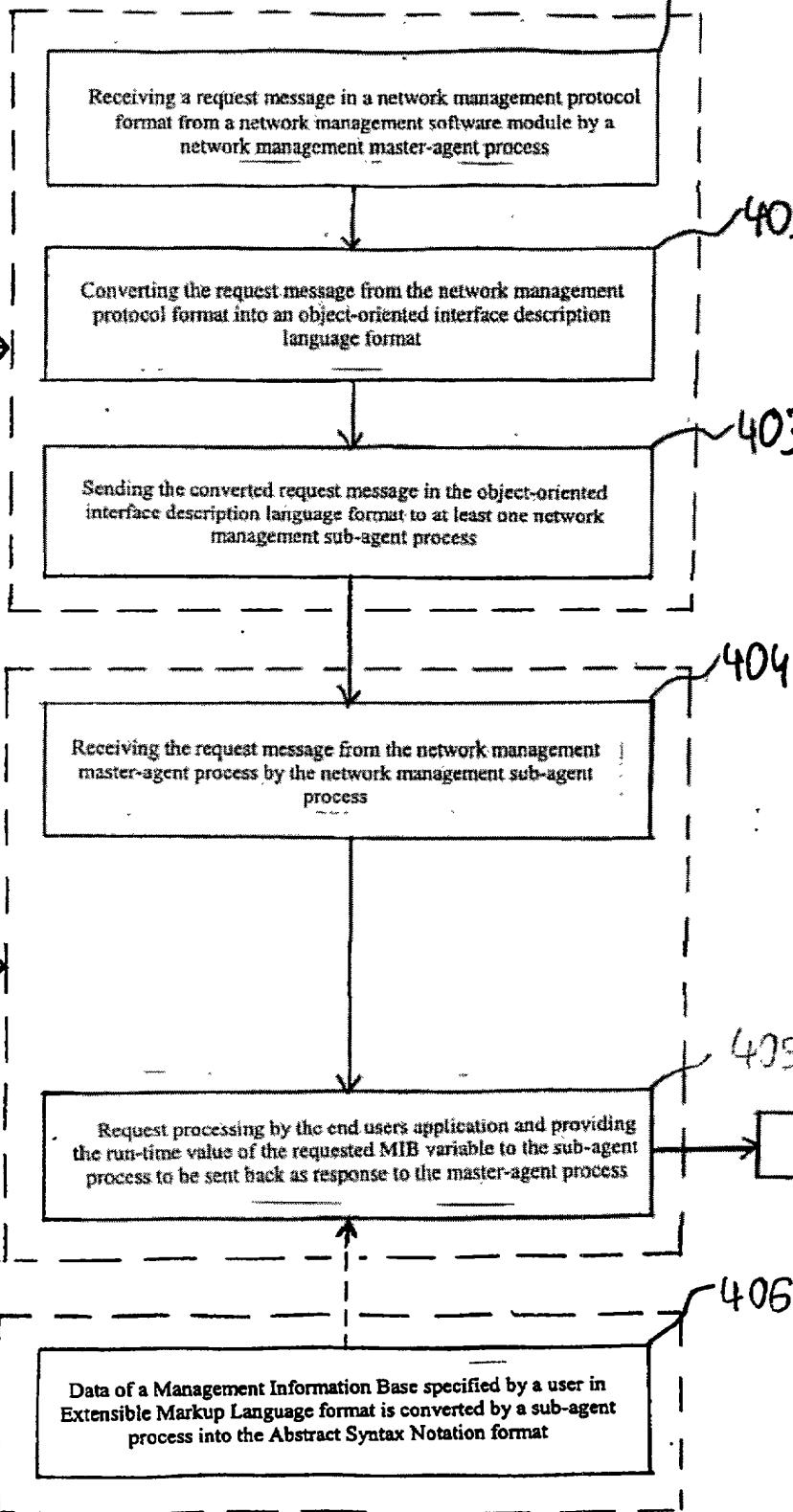


Fig. 4A

401

430

402a

Receiving a request message in a network management protocol format from a network management software module by a network management master-agent process

Converting the request message from the network management protocol format into an object-oriented interface description language format

Determining the sub-agent process from the plurality of sub-agent processes which is responsible for the request message, wherein the criterion for determining the responsible sub-agent process is an Object Identifier managed by the sub-agent process

Sending the converted request message in the object-oriented interface description language format to at least one network management sub-agent process

440

403

Receiving the request message from the network management master-agent process by the network management sub-agent process

404

420

405

a

Request processing by the end users application and providing the run-time value of the requested MIB variable to the sub-agent process to be sent back as response to the master-agent process

406

Data of a Management Information Base specified by a user in Extensible Markup Language format is converted by a sub-agent process into the Abstract Syntax Notation format

Fig.4B

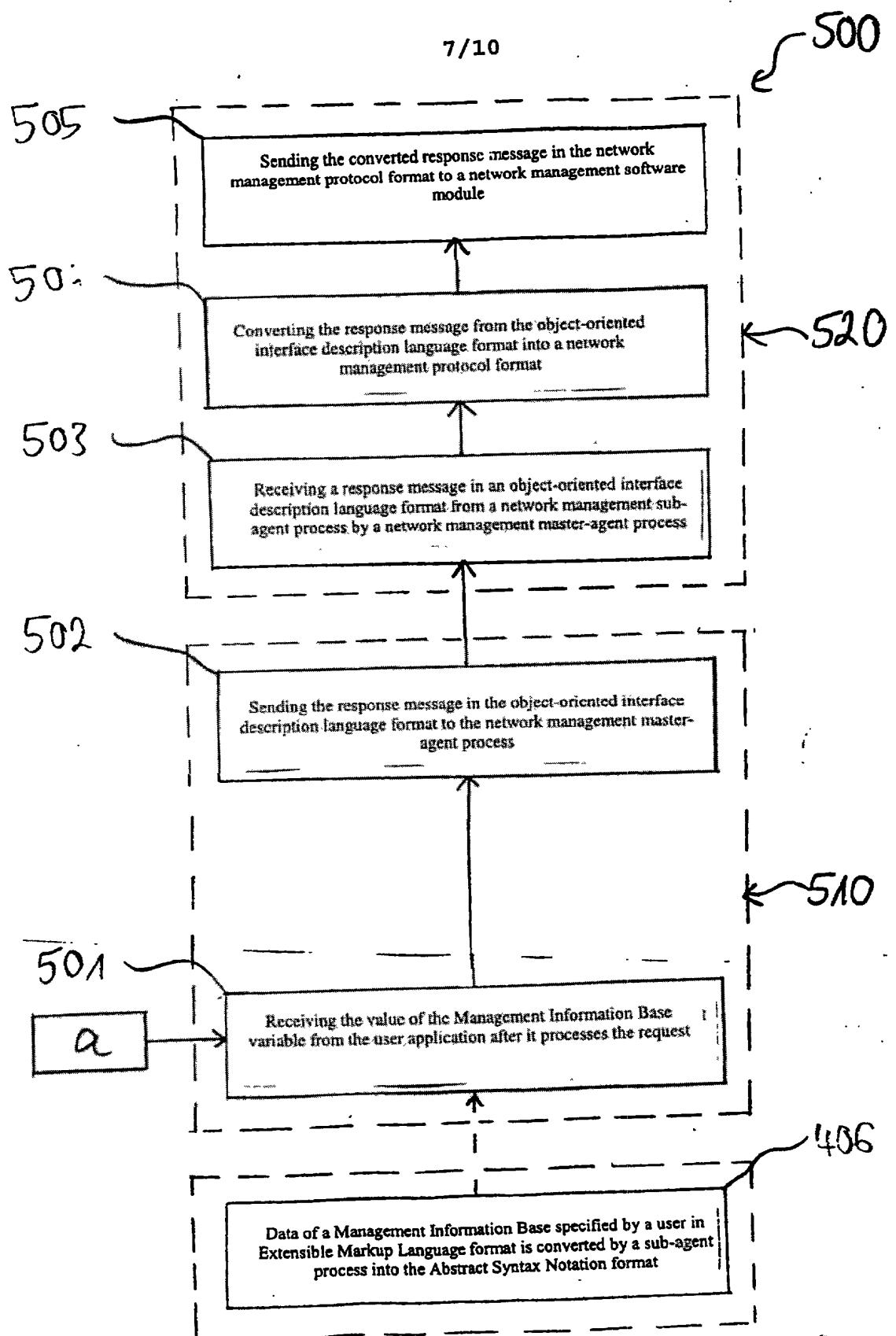


Fig. 5

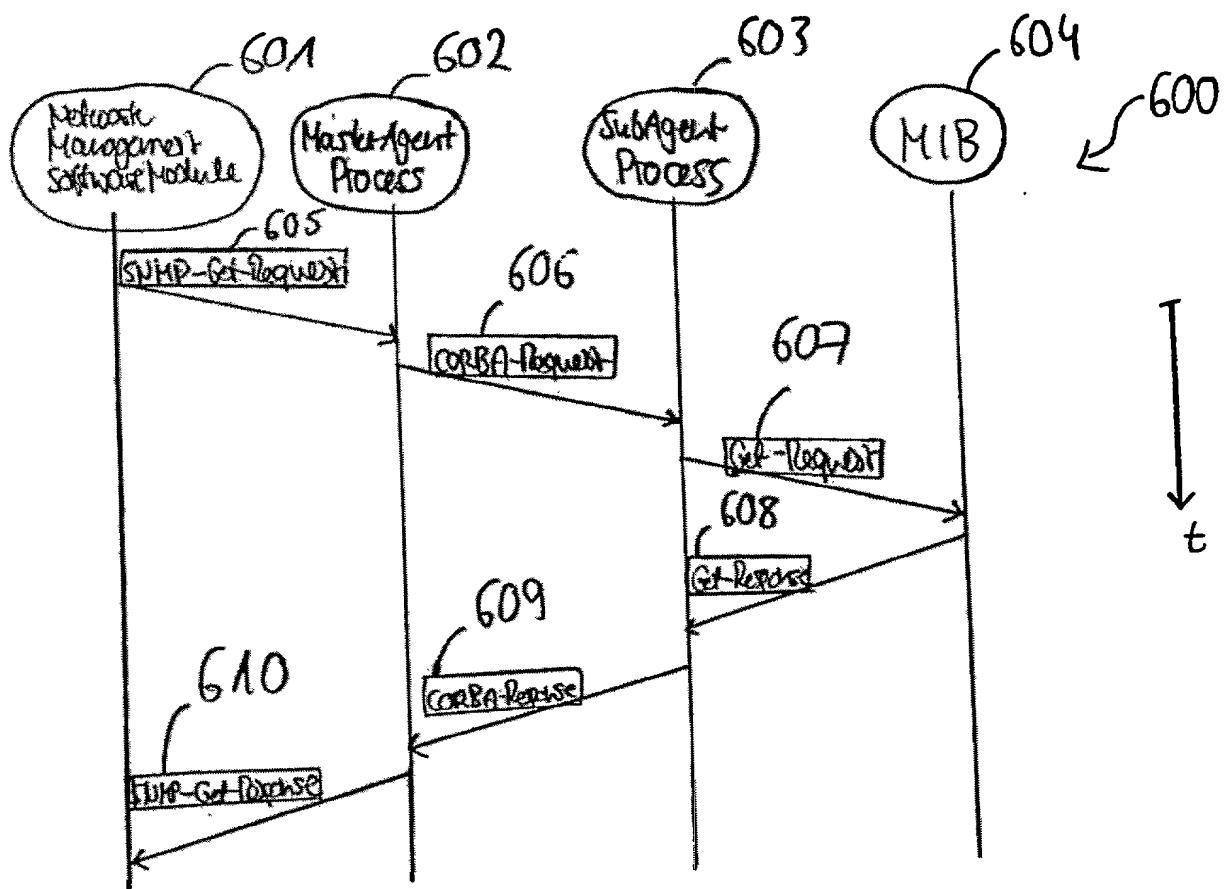


Fig. 6

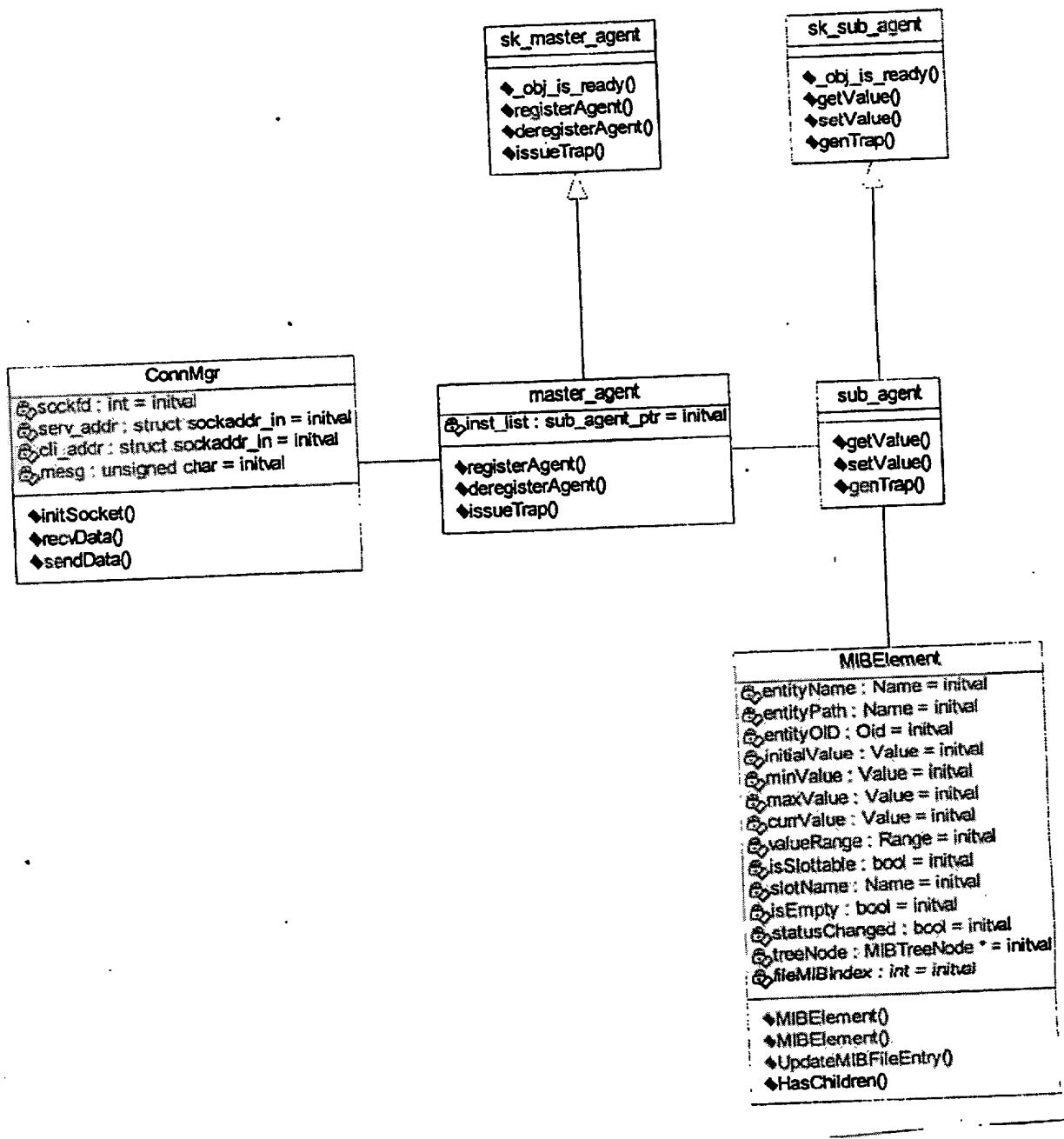


Fig. 7

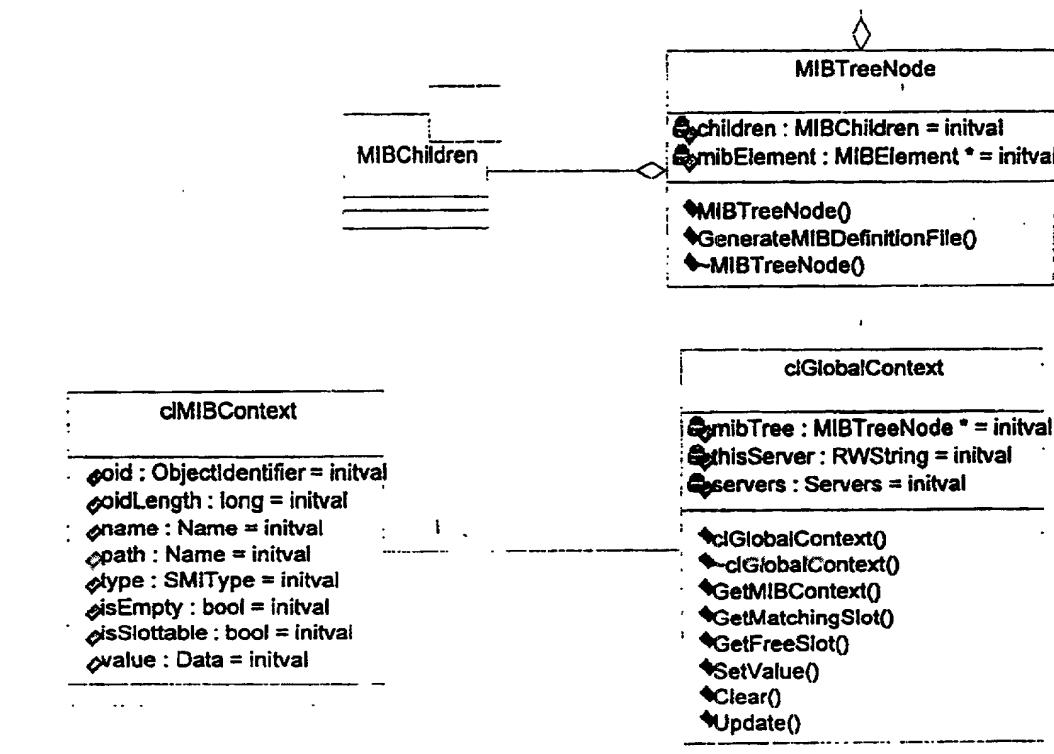
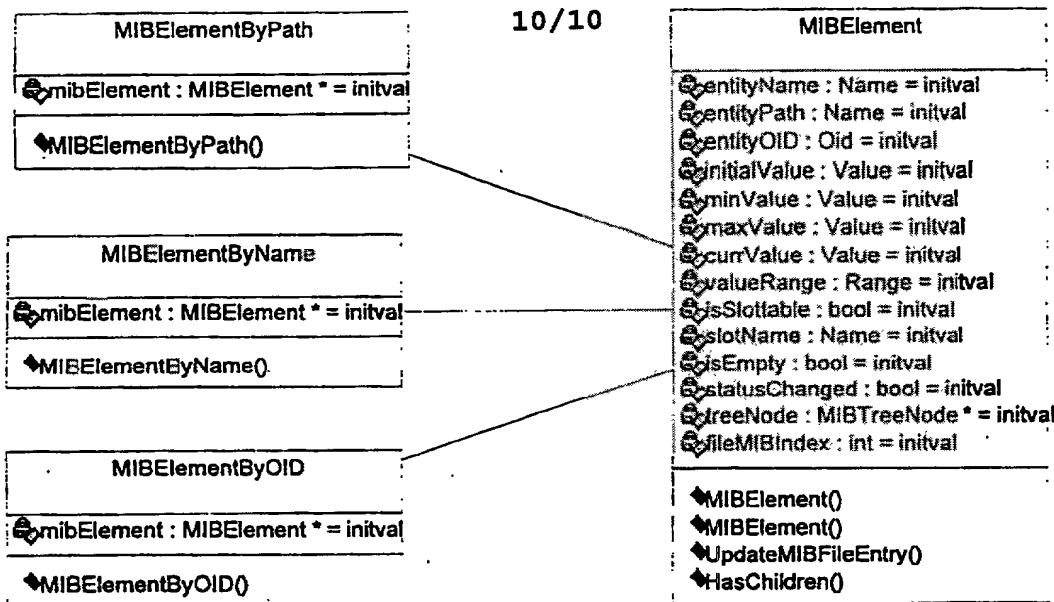


Fig. 8